

**eeBuildings News, Events, and Information No. 10**  
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In this Issue:

- 1. New Case Study: Jones Lang LaSalle's Lippo Plaza in Shanghai Saves 73,200 RMB Annually by Scheduling Boilers to Avoid Peak-Tariff Rates**
- 2. *RFP Magazine* Profiles eeBuildings Partners' Energy-Saving Measures**
- 3. Corporate Portfolios and Energy Performance**
- 4. Utility Companies Partner with eeBuildings to Promote Energy Efficiency**
- 5. Help Us Build a Better Newsletter**

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**1. New Case Study: Jones Lang LaSalle's Lippo Plaza in Shanghai Saves 73,200 RMB Annually by Scheduling Boilers to Avoid Peak-Tariff Rates**

The Jones Lang LaSalle management team reduced boiler electricity consumption by 30% by installing individual time switches on the 6-kW electric hot water boilers used to provide domestic hot water to tenant washrooms. The time switches gave building managers the ability to automatically turn the 66 boilers on and off up to five times per day, which enabled them to better manage energy consumption while maintaining hot water service to tenants. The Lippo Plaza management team used the switches to schedule boiler operations around peak tariff rates, while being careful to maintain tenant service. This low-cost measure reduced the building's electricity costs by 73,200 RMB annually and had a payback of six weeks.

For the full case study, see

[http://www.epa.gov/eeBuildings/energy\\_savings/library/index.html](http://www.epa.gov/eeBuildings/energy_savings/library/index.html) .

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**2. *RFP Magazine* Profiles eeBuildings Partners' Energy-Saving Measures**

After only a year and a half in circulation, Hong Kong-based *RFP Magazine* has over 20,000 subscribers in the commercial real estate and facility management sectors. The monthly publication offers helpful tools for successful investments and operations and is distributed throughout Asia, the US, the Middle East, and Europe. eeBuildings' partners and the no-cost/low-cost approach were featured in a recent three-article series that focused on reducing energy losses in commercial buildings. The articles highlighted six specific Chinese and Indian case studies where buildings, ranging from mid-size and older buildings to the tallest and newest landmark buildings in the region, have saved 15-25% of their energy cost by implementing no-cost and low-cost energy efficiency measures.

To read more, view the articles at

[http://www.epa.gov/eeBuildings/energy\\_savings/library/index.html](http://www.epa.gov/eeBuildings/energy_savings/library/index.html). To subscribe to *RFP Magazine* or learn more about the publication, go to [www.rfpmagazine.com](http://www.rfpmagazine.com).

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### **3. Corporate Portfolios and Energy Performance**

During its January visit to Taipei, the eeBuildings team met with the Business Council for Sustainable Development (BCSD) chapter in Taipei. In collaboration with BCSD, eeBuildings will be conducting training on how US firms have demonstrated both fiscal and environmental responsibility by reducing their energy use. These corporate achievements can be very impressive to shareholders and employees. eeBuildings also toured buildings run by Fubon and TECO, two companies that own and operate portfolios of buildings. Fubon manages Taiwan's first real estate investment trust (REIT). TECO, one of Taiwan's largest electronics manufacturers, operates the island's first software development industrial park. Both companies will work with eeBuildings to apply no-cost/low-cost measures in accordance with international best practices, and to communicate their achievements to their shareholders.

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### **4. Utility Companies Partner with eeBuildings to Promote Energy Efficiency**

Two large utility companies in China and India have recently partnered with eeBuildings to promote commercial building energy efficiency. Due to rapid economic expansion in their countries, these utilities are grappling with power shortages as growth in peak demand outpaces growth in supply. Both utilities are looking for ways to reduce peak demand, and municipal and national governments want to use existing power supplies as efficiently as possible to help achieve economic development goals. In January 2006, the Shanghai Urban Power Supply Company sponsored an eeBuildings training for building engineering and management staff of several of its largest commercial building electricity customers. Reliance, the electric utility of Mumbai, India, will also co-sponsor a similar eeBuildings training on no-cost/low-cost measures in spring 2006.

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### **5. Help us Build a Better Newsletter**

- We'd like to hear about your progress. If you have had successful experiences improving the energy efficiency of your buildings outside the US, please let us know at [eeBuildings@epa.gov](mailto:eeBuildings@epa.gov).

- We are interested in updating our partner list and linking to external websites. Please let us know if you would like your organization name and URL to be added to the list.

- If you have suggestions for how to improve the content of this newsletter, please send them to [eeBuildings@epa.gov](mailto:eeBuildings@epa.gov).

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To learn more about eeBuildings, visit <http://www.epa.gov/eeBuildings> or e-mail [eeBuilding@epa.gov](mailto:eeBuilding@epa.gov).

To learn more about ENERGY STAR, visit <http://www.energystar.gov>.

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The US Environmental Protection Agency's eeBuildings (energy-efficient Buildings) program helps international building owners, managers, and tenants improve the energy performance of their buildings. Drawing on the expertise of ENERGY STAR, eeBuildings connects financial and environmental performance to energy efficiency.

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This newsletter is produced and edited by ICF Consulting. ICF supports EPA's eeBuildings and ENERGY STAR activities.